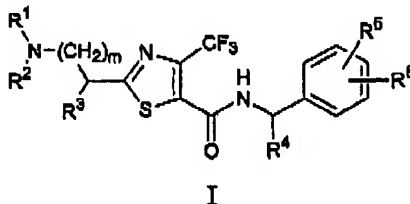


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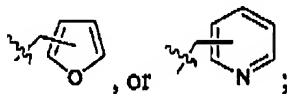
Amendments to the claims

1. (original) A compound of Formula I or a pharmaceutically acceptable salt thereof



wherein

R¹ is C₁₋₆alkyl, C₃₋₇cycloalkyl, -(CH₂)₁₋₄C₃₋₇cycloalkyl, -(CH₂)₂₋₄N(C₁₋₆alkyl)₂, -(CH₂)₂₋₄OC₁₋₆alkyl,



R² is hydrogen, C₁₋₆alkyl, or -(CH₂)₂₋₄OC₁₋₆alkyl;

or where R¹ and R² taken together are -CH₂CH₂XCH₂CH₂-, where X is a chemical bond, CH₂, CHOH, NH, NCH₃, NCOCH₃, O, or S;

R³ is hydrogen or hydroxy, provided that where R³ is hydroxy, m is not 0;

R⁴ is hydrogen, C₁₋₆alkyl, hydroxymethyl, or trifluoromethyl;

R⁵ is halogen, C₁₋₆alkyl, C₁₋₂perfluoroalkyl, C₁₋₆alkoxy, C₁₋₂perfluoroalkoxy, -N(R⁴)₂, N-morpholinyl, or pyridyl;

R⁶ is hydrogen, halogen, or C₁₋₆alkoxy;

m is 0 or 1.

2. (original) A compound of claim 1 where R³ is hydrogen and m is 1.

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3. (original) A compound of claim 2 where R⁴ is methyl.

4. (original) A compound of claim 3 selected from the following group:

2-[2-(4-morpholinyl)ethyl]-N-[1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

N-[1-[3-(dimethylamino)phenyl]ethyl]-2-[2-(1-pyrrolidinyl)ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(1-pyrrolidinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[(2-furanylmethyl)methylamino]ethyl]-N-[(1S)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(2-furanylmethyl)methylamino]ethyl]-N-[1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(1-pyrrolidinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(2-furanylmethyl)methylamino]ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(diethylamino)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(diethylamino)ethyl]-N-[1-[3-(dimethylamino)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

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2-[2-[ethyl(4-pyridinylmethyl)amino]ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-(4-thiomorpholinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[[2-(dimethylamino)ethyl]methylamino]ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[[2-(dimethylamino)ethyl]methylamino]ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-(4-methyl-1-piperazinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(1-piperidinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

N-[1-[3-(dimethylamino)phenyl]ethyl]-2-[2-(1-piperidinyl)ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(1-piperidinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

N-[(1S)-1-[3-(4-morpholinyl)phenyl]ethyl]-2-[2-(1-piperidinyl)ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(4-hydroxy-1-piperidinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

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2-[2-(4-hydroxy-1-piperidinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[(cyclopropylmethyl)propylamino]ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(cyclopropylmethyl)propylamino]ethyl]-N-[1-[3-(dimethylamino)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(cyclopropylmethyl)propylamino]ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-(diethylamino)ethyl]-N-[(1S)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(1-piperidinyl)ethyl]-N-[(1S)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(1-ethylpropyl)amino]ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(1-ethylpropyl)amino]ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[(2-furanylmethyl)amino]ethyl]-N-[(1S)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(cyclopentylamino)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

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2-[2-(cyclopentylamino)ethyl]-N-[(1*S*)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[bis(2-methoxyethyl)amino]ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[bis(2-methoxyethyl)amino]ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[bis(2-methoxyethyl)amino]ethyl]-N-[(1*S*)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(4-morpholinyl)ethyl]-N-[(1*S*)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

N-[1-[3-(dimethylamino)phenyl]ethyl]-2-[2-(4-thiomorpholinyl)ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[[2-(dimethylamino)ethyl]methylamino]ethyl]-N-[1-[3-(dimethylamino)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide; and

2-[2-(4-methyl-1-piperazinyl)ethyl]-N-[(1*S*)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide.

5. (original) A compound of claim 1 where R³ is hydroxy and m is 1.

6. (original) A compound of claim 5 where R⁴ is methyl.

7. (original) A compound of claim 6 selected from the following group:

2-[1-hydroxy-2-(1-piperidinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

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2-[1-hydroxy-2-(1-pyrrolidinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[(2-furanylmethyl)methylamino]-1-hydroxyethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[2-[(cyclopropylmethyl)propylamino]-1-hydroxyethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(diethylamino)-1-hydroxyethyl]-N-[(1*S*)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-(diethylamino)-1-hydroxyethyl]-N-[(1*S*)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[1-hydroxy-2-(4-morpholinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[1-hydroxy-2-(4-morpholinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[1-hydroxy-2-(4-methyl-1-piperazinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[1-hydroxy-2-(4-methyl-1-piperazinyl)ethyl]-N-[(1*S*)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[1-hydroxy-2-(4-methyl-1-piperazinyl)ethyl]-N-[(1*S*)-1-[3-(3-pyridinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

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2-[1-hydroxy-2-(1-piperidinyl)ethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide;

2-[1-hydroxy-2-(1-pyrrolidinyl)ethyl]-N-[1-[3-(trifluoromethoxy)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

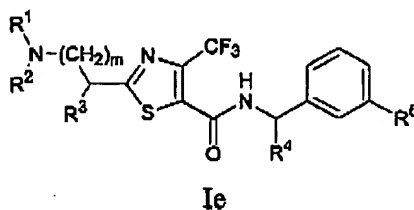
N-[1-[3-(dimethylamino)phenyl]ethyl]-2-[1-hydroxy-2-(1-pyrrolidinyl)ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[1-hydroxy-2-(1-pyrrolidinyl)ethyl]-N-[(1*S*)-1-[3-(4-morpholinyl)phenyl]ethyl]-4-(trifluoromethyl)-5-thiazolecarboxamide;

2-[2-[(cyclopropylmethyl)propylamino]-1-hydroxyethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide; and

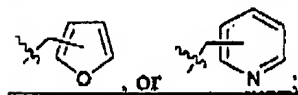
2-[2-(4-acetyl-1-piperazinyl)-1-hydroxyethyl]-4-(trifluoromethyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]-5-thiazolecarboxamide.

8. (currently amended) A compound of ~~claim 1~~ where the structure is that of Formula Ie.



wherein

R^1 is C_{1-6} alkyl, C_{3-7} cycloalkyl, $-(CH_2)_{1-4}C_{3-7}$ cycloalkyl, $-(CH_2)_{2-4}N(C_{1-6}alkyl)_2$, $-(CH_2)_{2-4}OC_{1-6}alkyl$,



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R² is hydrogen, C₁₋₆alkyl, or -(CH₂)₂₋₄OC₁₋₆alkyl;

or where R¹ and R² taken together are -CH₂CH₂XCH₂CH₂-, where X is a chemical bond, CH₂, CHO, NH, NCH₃, NCOCH₃, O, or S;

R³ is hydrogen or hydroxy, provided that where R³ is hydroxy, m is not 0;

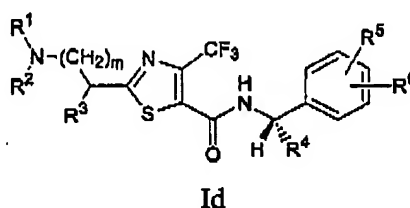
R⁴ is hydrogen, C₁₋₆alkyl, hydroxymethyl, or trifluoromethyl;

R⁵ is halogen, C₁₋₆alkyl, C₁₋₂perfluoroalkyl, C₁₋₆alkoxy, C₁₋₂perfluoroalkoxy, -N(R⁴)₂, N-morpholinyl, or pyridyl; and

m is 0 or 1;

or a pharmaceutically acceptable salt or solvate thereof.

9. (currently amended) A compound of claim 1 where R¹, R², R³, R⁴, R⁵, and R⁶ are as defined in claim 1 and the structure has the stereochemical configuration of Formula Id.



10. (original) A pharmaceutical composition comprising a compound of Formula I and a pharmaceutically acceptable carrier.

11. (currently amended) A method for the treatment of ~~disorders responsive to opening of the KCNQ potassium channels in a mammal in need thereof, epilepsy~~ which comprises administering to ~~said a~~ mammal a therapeutically effective amount of the compound of claim 1.

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12. (cancelled).

13. (cancelled).

14. (cancelled).

15. (cancelled).

16. (cancelled).